

ASSAP MOPS Group Teleconference – Minutes #16

The attendees included the following:

Last Name	First Name	Organization
Branch	Allen	FAA
Burns	Bob	FAA TC
Callaham	Michael	MITRE
Eich	Tom	ACSS
Eftekari	Robert	MITRE/CAASD
Hammer	Jonathan	MITRE/CAASD
Moody	Chris	MITRE
Mosher	Tom	Garmin
Sleight	Randy	FAA/JHU APL
Thomas	Dave	FAA/L-3 TITAN
Walker	Don	Honeywell

The ASSAP MOPS group teleconference, on 20 June 2007, started at 2 pm (Eastern Time). Jonathan Hammer, co-chair, started the meeting with reviewing the proposed agenda.

1. The group reviewed the test requirements section drafted by Dave Thomas (Reference ASSAP-WP16-03; ASSAP-WP16-04):
 - a. Verification sections have been created. Requirements from Section 2.2 have been copied into the verification sections as a starting point. References back to section 2.2 have also been created.
 - b. Formatting of “shall” text has been corrected for consistency throughout the document.
 - c. “Own aircraft” has been changed to “Ownship” for consistency throughout the document.
 - d. The “Test Procedure Characterization Table with Notes – DRAFT.doc” was reviewed. “N/A” in the Type column represents sections that do not require test. Don Walker noted that the CD section will be expanded and may require some scenario tests similar to those defined in the ASA MASPS DO-289 CD appendix.
 - e. Tom Mosher asked what an extrapolated NACp and NACv are as defined in Section 2.2.3.3 Best Source Selection. Past discussions were brought up where extrapolating NACp and NACv was unnecessary when tracks are being coasted. “Extrapolated” should be removed from these requirements.
2. The group reviewed the proposed methods for generating test scenarios (Robert Eftekari; Reference ASSAP-WP16-05):
 - a. Robert presented a short overview of the test scenarios for detection/suppression of TIS-B shadows of ownship.
 - b. The worst case turn rate defined in the test scenario may need to be increased. Robert used the same cases that will be used for the July flight test. The turn rates defined in the test scenario may cause dropouts of data. The test scenarios may want to represent these dropouts.

- c. Robert will determine the theoretical breaking points of his tracking algorithm. This may add or alter a scenario for the flight test activity in July. This will be discussed further during the Monday afternoon flight test telecons.
- 3. Dave Thomas and Robert Eftekari will determine the test sections that are ready to be worked on. The CD section should be held off until it is further developed.
- 4. ARINC 735B Status:
 - a. Jonathan forwarded the ARINC 735B draft to the group for review. The group will not provide feedback; it should be done individually.
- 5. Action Item List Status (Reference ASSAP-WP15-06):
 - a. AI#9 has been reassigned to Randy.
 - b. AI#16 closed. Jonathan presented a presentation regarding application selection.
 - c. AI#46. Add Jonathan as an assignee.
 - d. AI#65. Open.
 - e. AI#66. Open. Waiting on CD evaluations.
 - f. AI#71. Don Walker discussed our ASSAP requirements relating to his paper and he was onboard with our implementation.
 - g. AI#75. Closed. ASA MASPS has a reference that answers this question.
 - h. AI#81. Closed. A place holder was added in the MOPS document.
 - i. AI#83. Closed. Using geometric altitude for the display and the CD application is ok.
- 6. The flight test is scheduled for two weeks starting on July 16.
- 7. Dave will have control of the MOPS draft document in the time being.
- 8. Section 2.1 will be reviewed with the CDTI group at the next ASSAP MOPS meeting at RTCA headquarters
- 9. The next ASSAP group meeting is scheduled at RTCA headquarters in Washington, D.C. from July 31st to August 3rd, 2007. A plenary is planed for Friday. The plan is to finish early afternoon on Friday. The TIS-B MASPS will be reviewed at the plenary. It was split into two documents.
- 10. Telecon ended at 3:10PM.